

IN THE CLAIMS

Claims 1-19 (Cancelled)

Claim 20 (Currently Amended) ~~The method of claim 19;~~ A method for controlling an air-conditioning unit, comprising:

drawing air in from an inlet;

exchanging heat between air drawn in from said inlet and a refrigerant using a heat exchanger;

discharging air that has been heat-exchanged using said heat exchanger from a diffuser using an airflow device; and

activating an allergen deactivation enzyme supported by an enzyme carrier in an internal space of the air-conditioning unit by creating an atmosphere in the internal space that is operable to activate the enzyme, retaining air flow within the internal space using an internal air retaining device;

wherein the internal air retaining device is an open/close device operable to close part of or all of openings communicating with the internal space to keep the internal space in a semi-enclosed or fully enclosed condition; and

wherein said retaining comprises having the internal space enclosed in the semi-enclosed or fully enclosed condition during said activating and operating said airflow device to agitate the air of the atmosphere in the internal space that is operable to activate the enzyme.

Claim 21 (Currently Amended) The method of claim ~~17,~~ 20, wherein said activating comprises heating and evaporating condensed water, generated by a cooling operation of the heat exchanger, using a heating operation of the heat exchanger performed after the cooling operation.

Claim 22 (Currently Amended) The method of claim ~~17,~~ 20, wherein said activating comprises heating and evaporating condensed water, generated by a cooling operation of the heat exchanger and stored on a drain pan, using a heating device.

Claim 23 (Currently Amended) The method of claim 21, ~~and further comprising~~
comprising, after said activating, ~~to remove~~ removing moisture from the enzyme carrier in order
to prevent degradation thereof.

Claim 24 (Currently Amended) The method of claim ~~17~~, 20, further comprising, before
said activating, collecting allergens by drawing air in to the internal space and passing the air
through the enzyme carrier.